

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11378	low near5 temperature near5 deposition	US-PGPUB; USPAT	OR	ON	2009/01/04 19:05
L2	463	1 and (silicon adj (oxide or dioxide)) and (organic with precursor)	US-PGPUB; USPAT	OR	ON	2009/01/04 19:05
L3	169	2 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2009/01/04 19:05
L4	6194	1 and (silicon adj (oxide or dioxide))	US-PGPUB; USPAT	OR	ON	2009/01/04 19:06
L5	3348	4 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2009/01/04 19:06
L6	1799	5 and (hydrogen or alkyl or halogen)	US-PGPUB; USPAT	OR	ON	2009/01/04 19:06
L7	339	6 and ozone	US-PGPUB; USPAT	OR	ON	2009/01/04 19:07
L8	339	7 and temperature	US-PGPUB; USPAT	OR	ON	2009/01/04 19:07
L9	2077	low near5 temperature near5 deposition	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/04 20:28
L10	235	9 and (silicon adj (oxide or dioxide))	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/04 20:29
L11	60	10 and (hydrogen or alkyl or halogen)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/04 20:29
L12	60	11 and temperature	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/04 20:29
L13	2882	438/780,787,789,790.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/04 20:41
L14	1664	13 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2009/01/04 20:41
L15	1178	14 and (silicon adj (oxide or dioxide))	US-PGPUB; USPAT	OR	ON	2009/01/04 20:41
L16	1067	15 and temperature	US-PGPUB; USPAT	OR	ON	2009/01/04 20:41
L17	283	16 and ozone	US-PGPUB; USPAT	OR	ON	2009/01/04 20:41
L18	191	17 and (hydrogen or alkyl or halogen)	US-PGPUB; USPAT	OR	ON	2009/01/04 20:42
L19	518	427/255.18,255.17,255.27.ccls.	US-PGPUB; USPAT	OR	ON	2009/01/04 20:42

L20	415	19 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2009/01/04 20:42
L21	236	20 and (silicon adj (oxide or dioxide))	US-PGPUB; USPAT	OR	ON	2009/01/04 20:42
L22	45	21 and ozone	US-PGPUB; USPAT	OR	ON	2009/01/04 20:42
L23	44	22 and temperature	US-PGPUB; USPAT	OR	ON	2009/01/04 20:43
L24	57	((silicon adj (oxide or dioxide)) and organic and (hydrogen or alkyl or halogen) and ozone and temperature). clm.	US-PGPUB; USPAT	OR	ON	2009/01/04 20:44
L25	29	24 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2009/01/04 20:44
S1	2	((("6030900") or ("20030040196")). FN.	US-PGPUB; USPAT	OR	OFF	2007/09/14 15:55
S2	5	((("6203613") or ("6465371") or ("6869638") or ("7112539") or ("20030232511")).FN.	US-PGPUB; USPAT	OR	OFF	2007/09/14 16:02
S3	4579	(silicon adj (oxide or dioxide)) and (organic with precursor)	US-PGPUB; USPAT	OR	ON	2007/09/14 16:51
S4	660	S3 and ozone	US-PGPUB; USPAT	OR	ON	2007/09/14 16:04
S5	459	S4 and (CVD or ALD)	US-PGPUB; USPAT	OR	ON	2007/09/14 16:46
S6	15	S5 and (precursor with (TMDSO or HMDSO or HMDSN or TEMAS))	US-PGPUB; USPAT	OR	ON	2007/09/14 16:23
S7	94	(silicon adj (oxide or dioxide)) and (organic with precursor)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/14 16:24
S9	7	(silicon adj (oxide or dioxide)) and (organic with precursor) and ozone	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/14 16:45
S10	156	S4 and ALD	US-PGPUB; USPAT	OR	ON	2007/09/14 16:46
S11	7	S10 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2007/09/14 16:50
S12	1657	438/780,787,789,790.ccls. and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2007/09/14 16:51
S13	1174	S12 and (silicon adj (oxide or dioxide))	US-PGPUB; USPAT	OR	ON	2007/09/14 16:52
S14	356	S13 and precursor	US-PGPUB; USPAT	OR	ON	2007/09/14 16:52
S15	5013	(silicon adj (oxide or dioxide)) and (organic with precursor)	US-PGPUB; USPAT	OR	ON	2008/06/07 17:26
S16	768	S15 and ozone	US-PGPUB; USPAT	OR	ON	2008/06/07 17:27
S17	207	S16 and ((atomic adj layer adj deposition) or ALD)	US-PGPUB; USPAT	OR	ON	2008/06/07 17:27

S18	12	S17 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2008/06/07 17:27
S19	12	S18 and temperature	US-PGPUB; USPAT	OR	ON	2008/06/07 17:27
S20	2514	ALD and oxynitride	US-PGPUB; USPAT	OR	ON	2008/06/07 20:05
S21	212	S20 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2008/06/07 20:05
S22	1	S21 and (nitrogen with simultaneously)	US-PGPUB; USPAT	OR	ON	2008/06/07 20:05
S23	1	oxynitride and (nitrogen with simultaneously with ozone)	US-PGPUB; USPAT	OR	ON	2008/06/07 20:07
S24	0	S23 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2008/06/07 20:07
S25	18	oxynitride and (nitrogen same simultaneously same ozone)	US-PGPUB; USPAT	OR	ON	2008/06/07 20:07
S26	2	S25 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2008/06/07 20:07
S27	472	oxynitride and (nitrogen with ozone)	US-PGPUB; USPAT	OR	ON	2008/06/07 20:11
S28	207	S27 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2008/06/07 20:11
S29	0	S28 and (silicon with organic with precursor) and purg\$3	US-PGPUB; USPAT	OR	ON	2008/06/07 20:11
S30	8	S28 and (silicon with precursor) and purg\$3	US-PGPUB; USPAT	OR	ON	2008/06/07 20:12
S31	60	S28 and silicon and purg\$3	US-PGPUB; USPAT	OR	ON	2008/06/07 20:15
S32	52	S31 not S30	US-PGPUB; USPAT	OR	ON	2008/06/07 20:16
S33	1	((("20060178019").FN.	US-PGPUB; USPAT	OR	OFF	2008/06/07 20:29
S34	42	aviza near3 technology	US-PGPUB; USPAT	OR	ON	2008/06/07 20:29
S35	8	S34 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2008/06/07 20:29
S36	125	aviza near3 technology	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 20:30
S37	10	aviza near3 technology and oxynitride	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/07 20:30
S38	4	((("20030168750") or ("20020074584") or ("20010034097") or ("6551399")).FN.	US-PGPUB; USPAT	OR	OFF	2008/06/07 20:33
S39	1	S38 and oxynitride	US-PGPUB; USPAT	OR	ON	2008/06/07 20:33
S41	27	("without" with purg\$3) and ((forming or making) with oxynitride)	US-PGPUB; USPAT	OR	ON	2008/06/07 20:35

S43	8	S41 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2008/06/07 20:36
S44	29	(silicon with organic with precursor) and ((forming or making) with oxynitride)	US-PGPUB; USPAT	OR	ON	2008/06/07 20:42
S45	7	S44 and purg\$3	US-PGPUB; USPAT	OR	ON	2008/06/07 20:42
S46	295	(silicon with precursor) and ((forming or making) with oxynitride)	US-PGPUB; USPAT	OR	ON	2008/06/07 20:50
S47	143	S46 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2008/06/07 20:50
S48	29	S47 and ozone	US-PGPUB; USPAT	OR	ON	2008/06/07 20:50
S49	27	S47 and ozone and nitrogen	US-PGPUB; USPAT	OR	ON	2008/06/07 20:51
S50	2514	oxynitride and ALD	US-PGPUB; USPAT	OR	ON	2008/06/07 21:55
S51	212	S50 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2008/06/07 21:55
S52	28	S51 and nitrogen and silicon and ozone	US-PGPUB; USPAT	OR	ON	2008/06/07 21:55
S53	1	("20030040196").PN.	US-PGPUB; USPAT	OR	OFF	2008/06/07 22:58
S54	1	("6465044").PN.	US-PGPUB; USPAT	OR	OFF	2008/06/09 13:46
S55	1034	(oxygen near3 radical) with ozone	US-PGPUB; USPAT	OR	ON	2008/06/09 13:49
S56	455	S55 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2008/06/09 13:50
S57	24	S56 and oxynitride	US-PGPUB; USPAT	OR	ON	2008/06/09 13:50
S58	3973	((forming or making) with oxynitride)	US-PGPUB; USPAT	OR	ON	2008/06/09 14:00
S59	1790	S58 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2008/06/09 14:00
S60	156	S59 and cvd and ozone	US-PGPUB; USPAT	OR	ON	2008/06/09 14:00
S61	26	S60 and (silicon with precursor)	US-PGPUB; USPAT	OR	ON	2008/06/09 14:01
S62	24	S61 and nitrogen	US-PGPUB; USPAT	OR	ON	2008/06/09 14:01
S63	1	("6846516").PN.	US-PGPUB; USPAT	OR	OFF	2008/06/09 20:06
S64	11706	silicon with precursor	US-PGPUB; USPAT	OR	ON	2008/06/09 20:11
S65	1011	S64 and (precursor same (hydrogen and alkyls, halogen and cyclic))	US-PGPUB; USPAT	OR	ON	2008/06/09 20:11
S66	472	S65 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2008/06/09 20:12

S67	78	((yoshihide with senzaki) or (sang with in with lee) or (sang with kyoo with lee)) and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2008/06/09 21:06
S68	3	(silicon near5 precursor) and S67	US-PGPUB; USPAT	OR	ON	2008/06/09 21:06
S69	75	S67 not S68	US-PGPUB; USPAT	OR	ON	2008/06/09 21:07
S70	144	(yoshihide with senzaki) or (sang with in with lee) or (sang with kyoo with lee)	US-PGPUB; USPAT	OR	ON	2009/01/04 17:44
S71	78	S70 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2009/01/04 17:44
S72	2	S71 and (organic with silicon)	US-PGPUB; USPAT	OR	ON	2009/01/04 17:45
S73	100	(yoshihide with senzaki) or (sang with in with lee) or (sang with kyoo with lee)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/04 17:46
S74	3	S73 and (organic with silicon)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/04 17:46
S75	5375	(silicon adj (oxide or dioxide)) and (organic with precursor)	US-PGPUB; USPAT	OR	ON	2009/01/04 17:49
S76	675	S75 and ((atomic adj layer adj deposition) or ALD)	US-PGPUB; USPAT	OR	ON	2009/01/04 17:50
S77	53	S76 and @ad<"20020818"	US-PGPUB; USPAT	OR	ON	2009/01/04 17:50
S78	12	S77 and ozone	US-PGPUB; USPAT	OR	ON	2009/01/04 17:50
S79	12	S78 and temperature	US-PGPUB; USPAT	OR	ON	2009/01/04 17:50

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